

FIG. 1

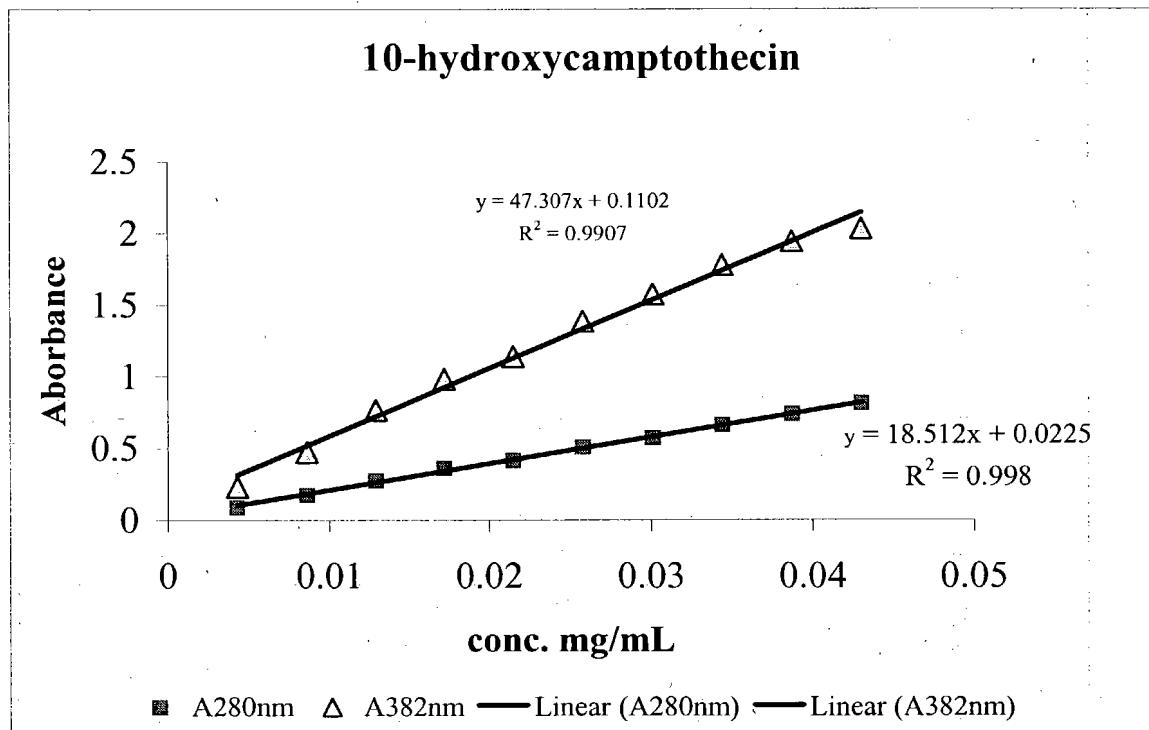


FIG. 2

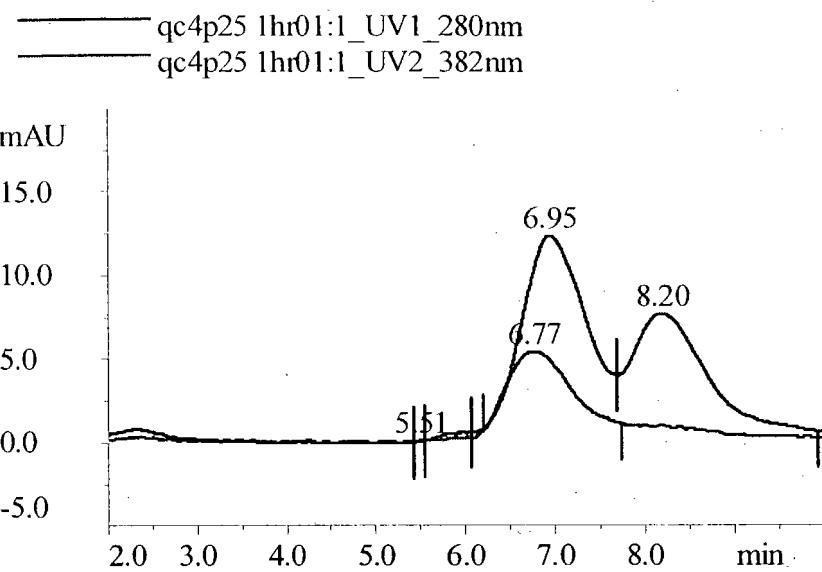


FIG. 3

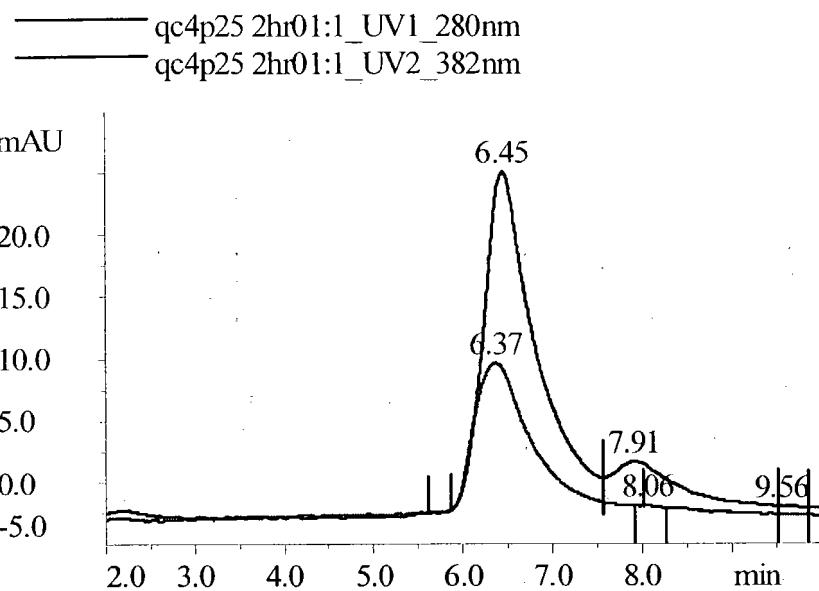


FIG. 4

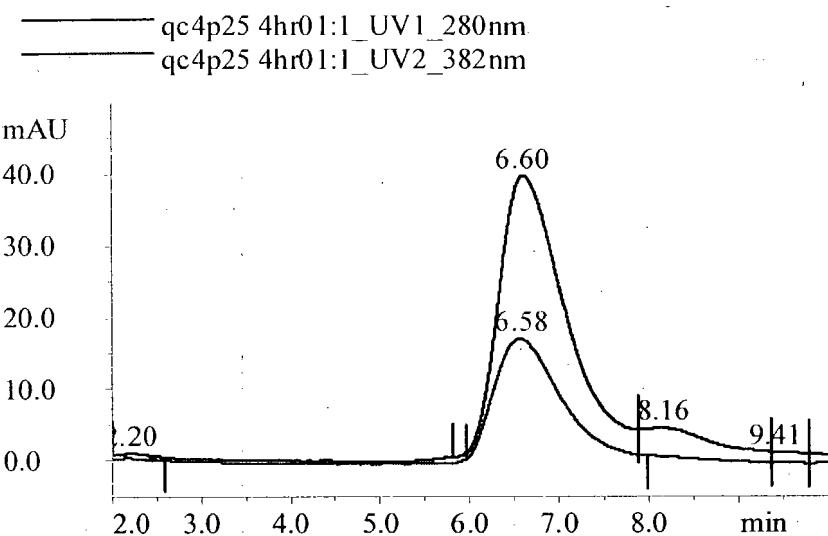


FIG. 5

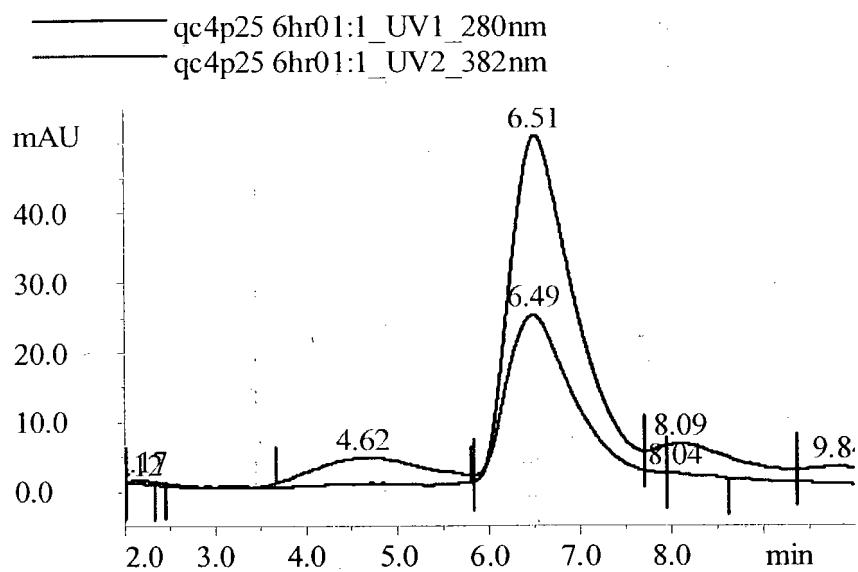


FIG. 6

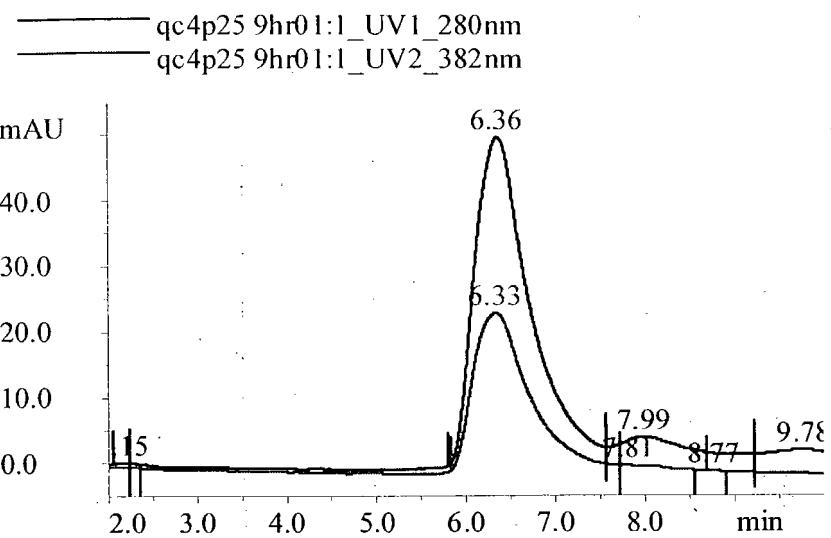


FIG. 7

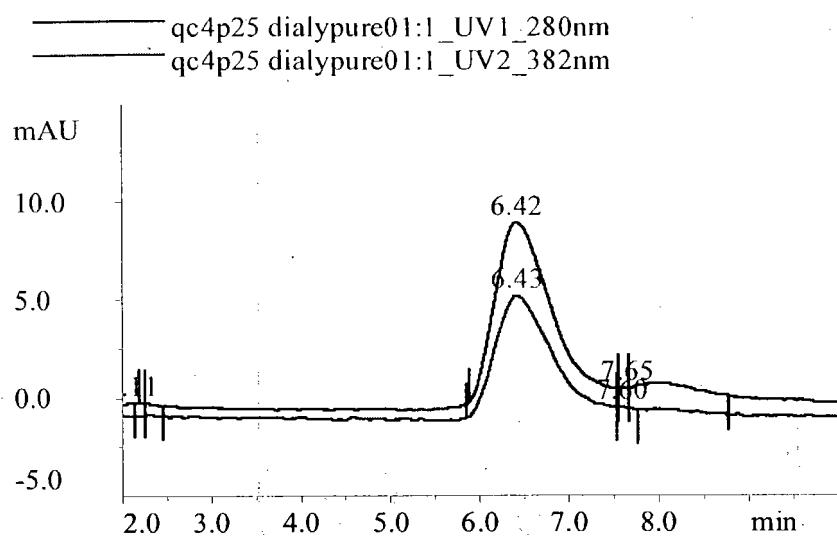


FIG. 8

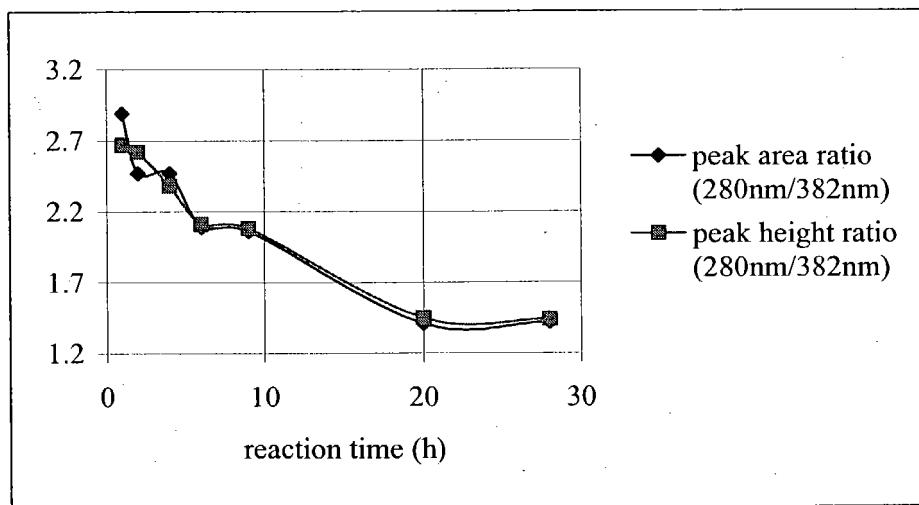


FIG. 9

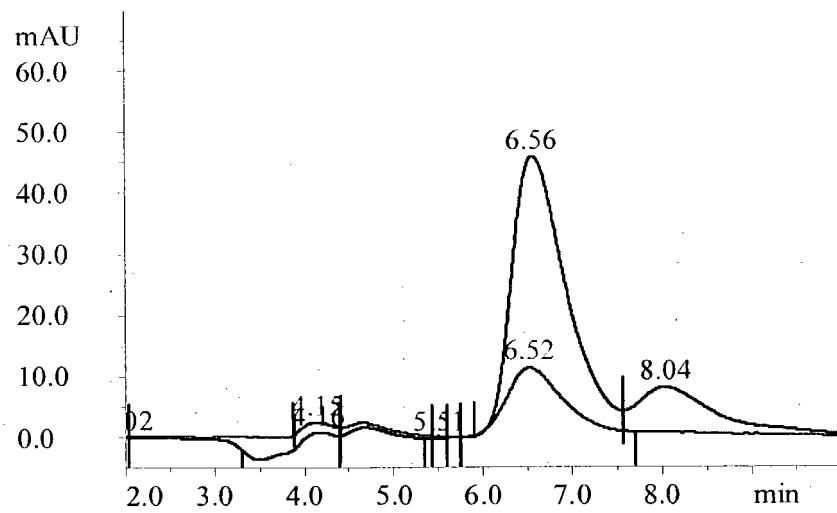


FIG. 10

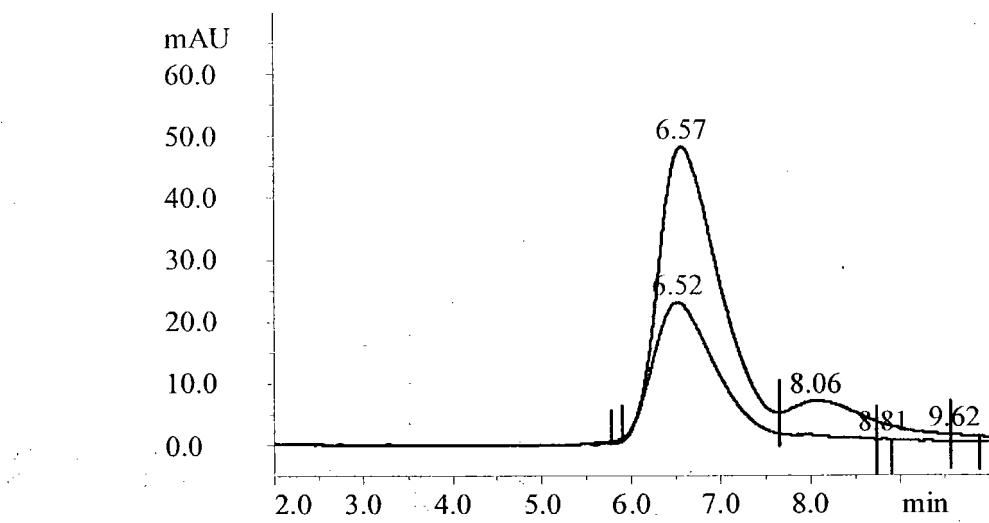


FIG. 11

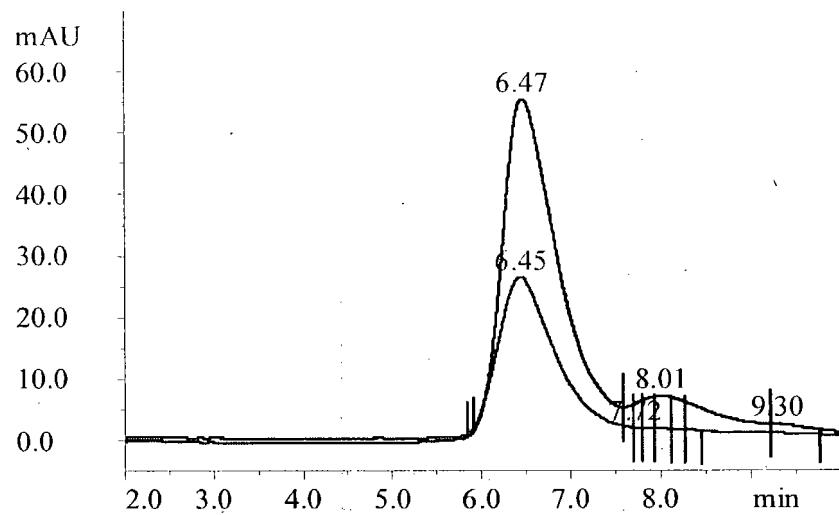


FIG. 12

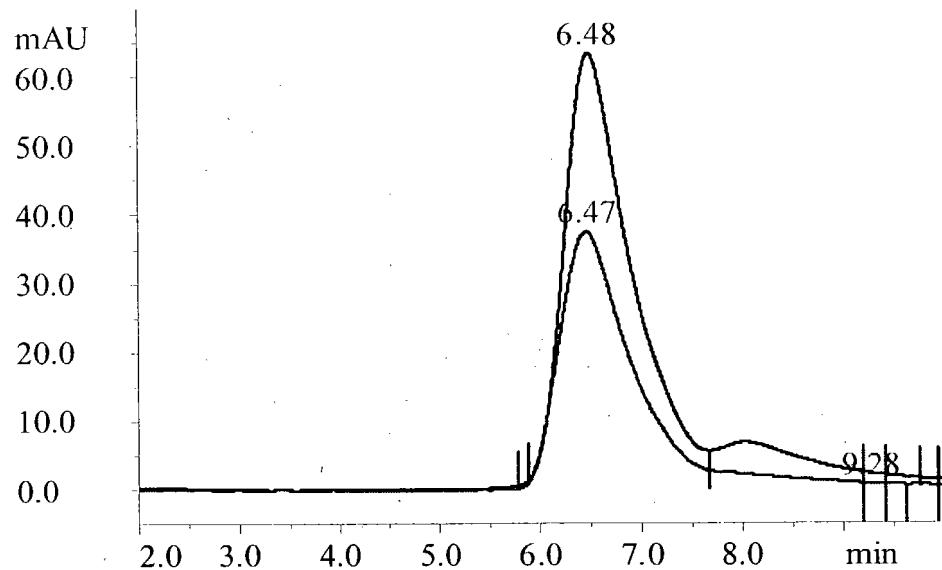


FIG. 13

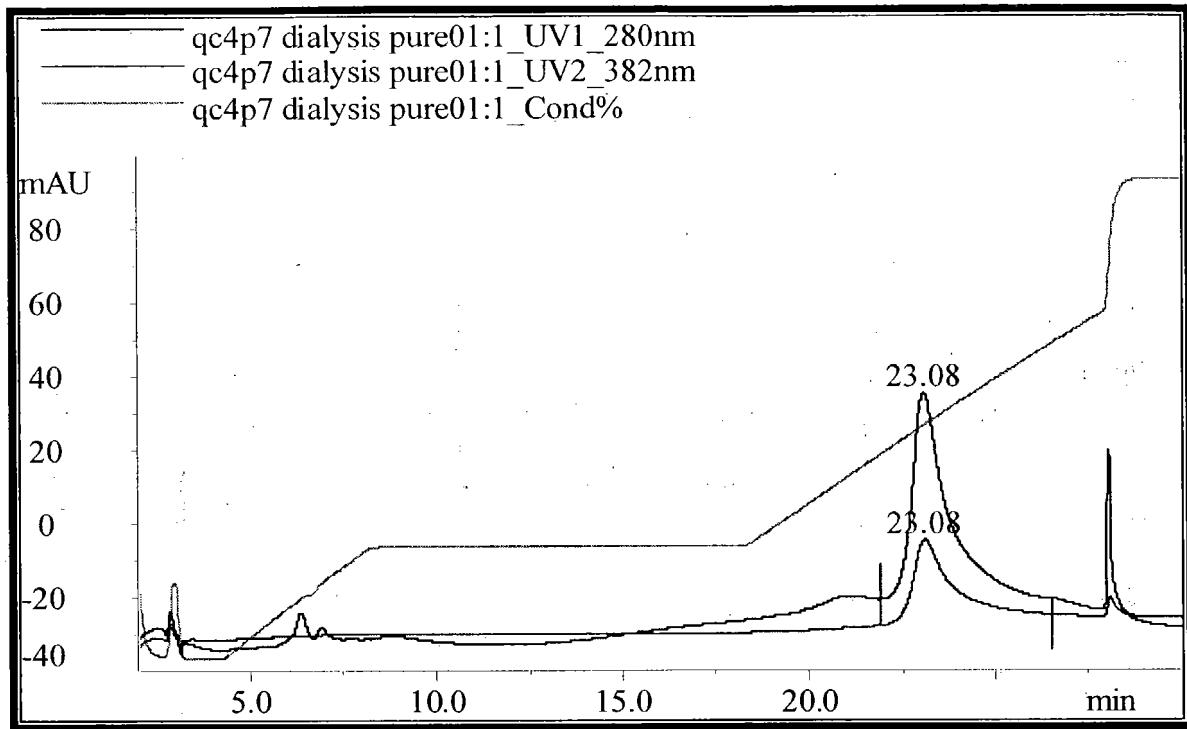


FIG. 14

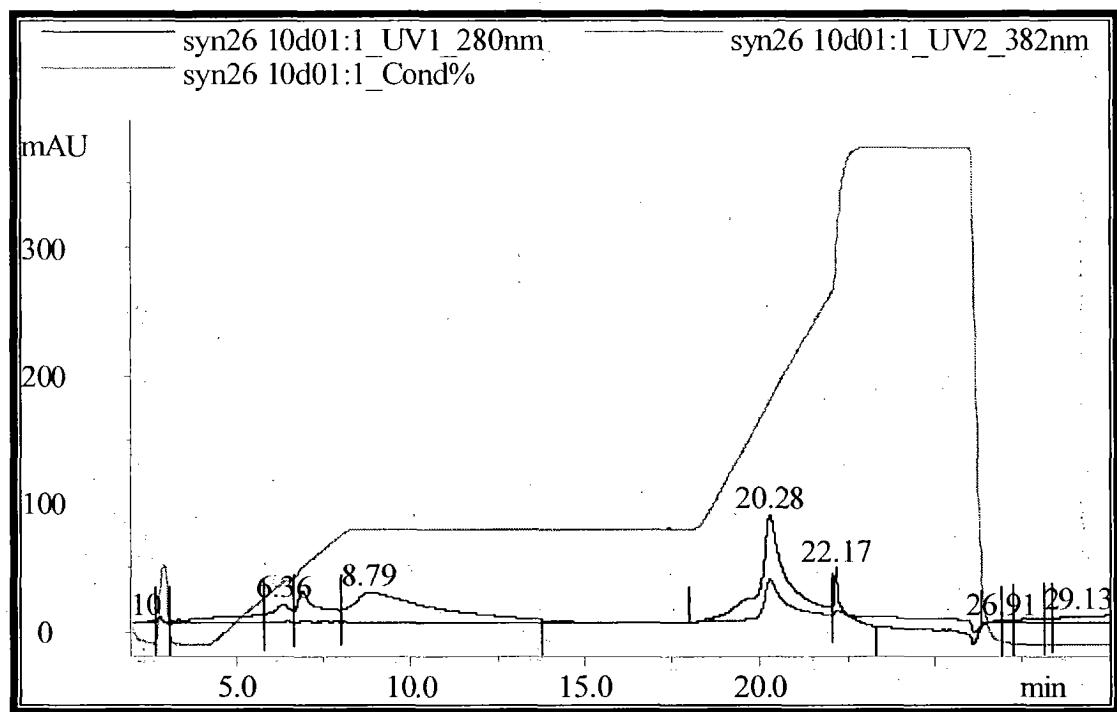


FIG. 15

FIG. 16

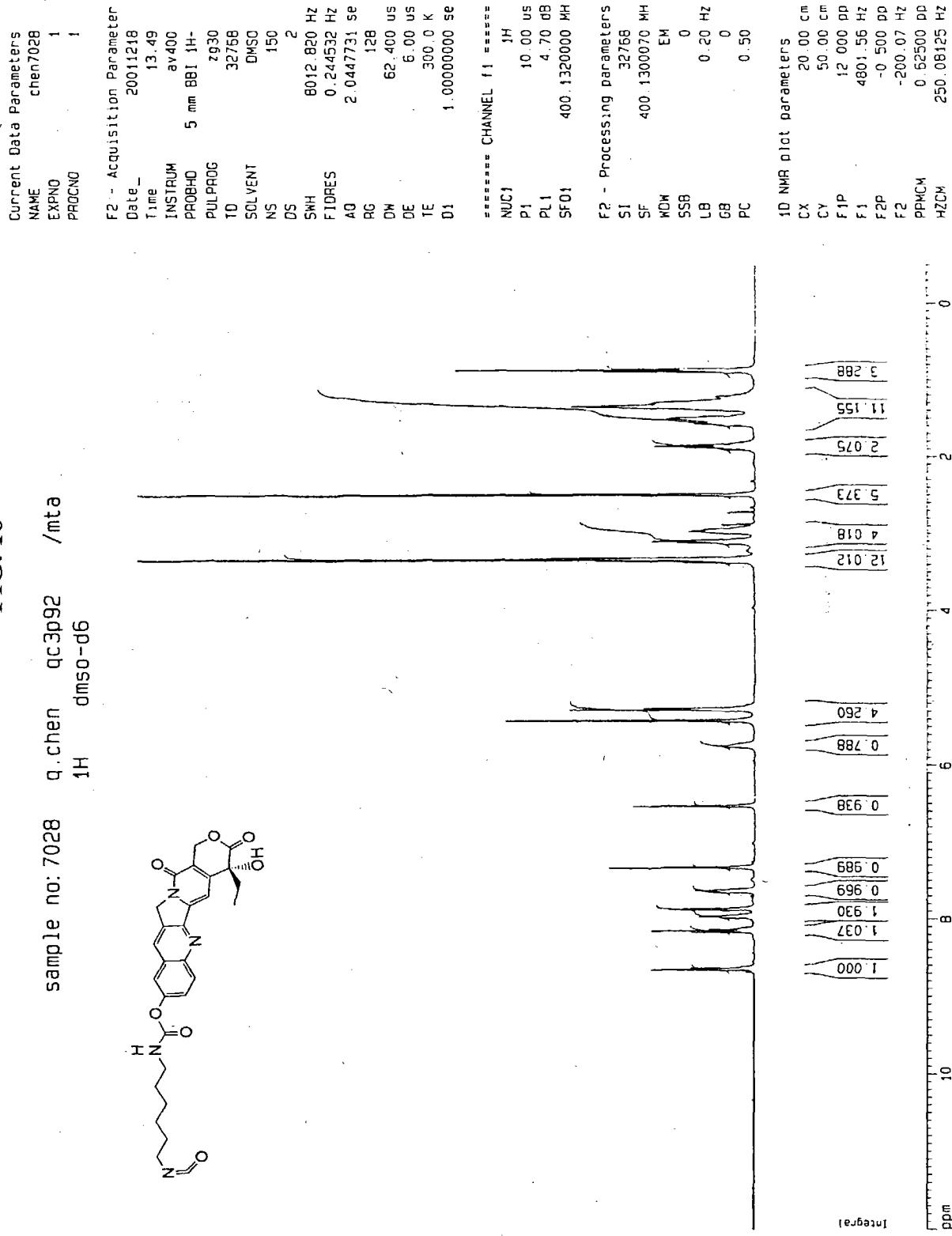
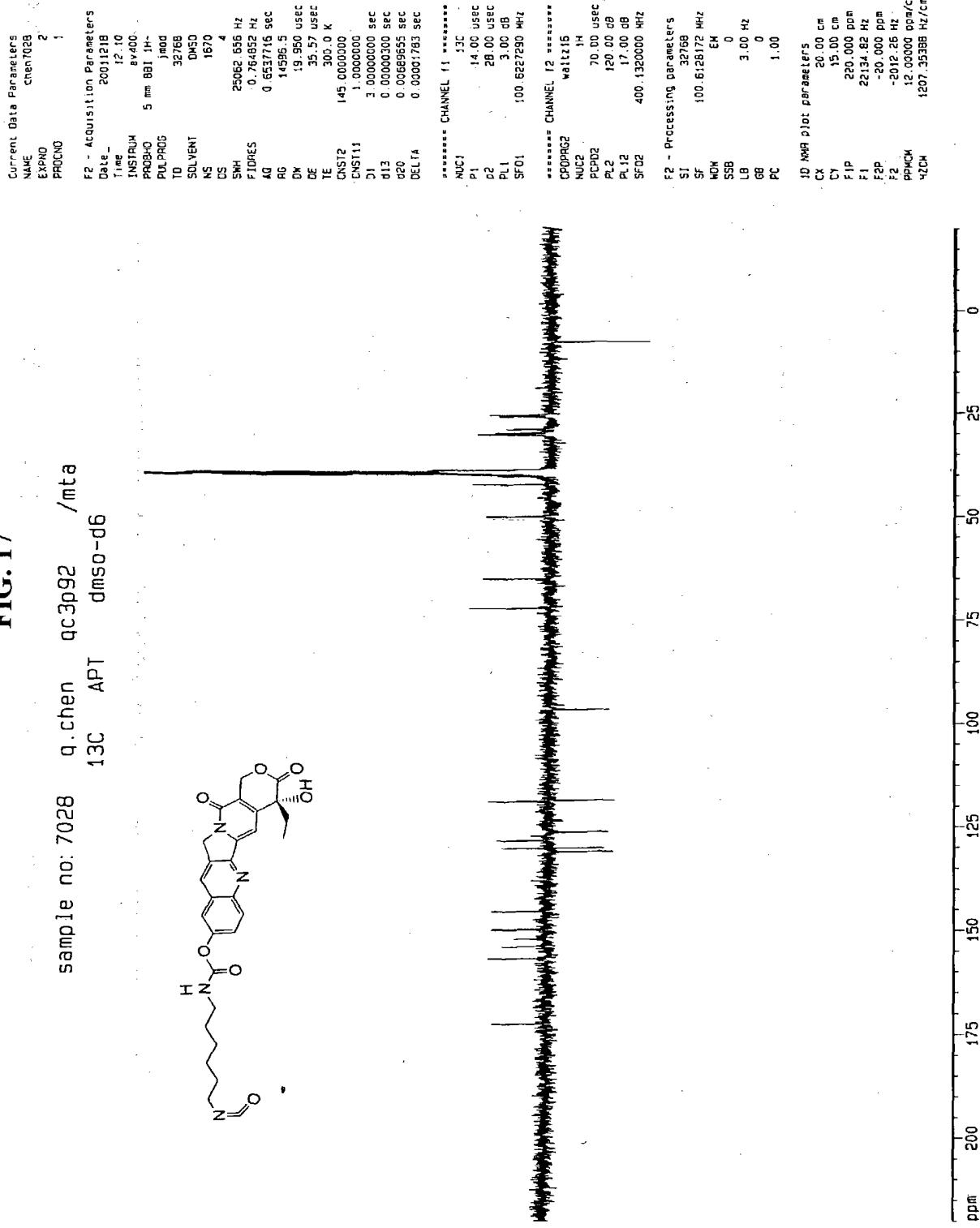


FIG. 17



!sims15458 Scan 2 (Av 7.9 Acq) 100% = 3270 m/z 7 Jan 2 13:55
LRP +LSIMS SL11760: QC3P92 * Matrix: Thioglycerol

FIG. 18

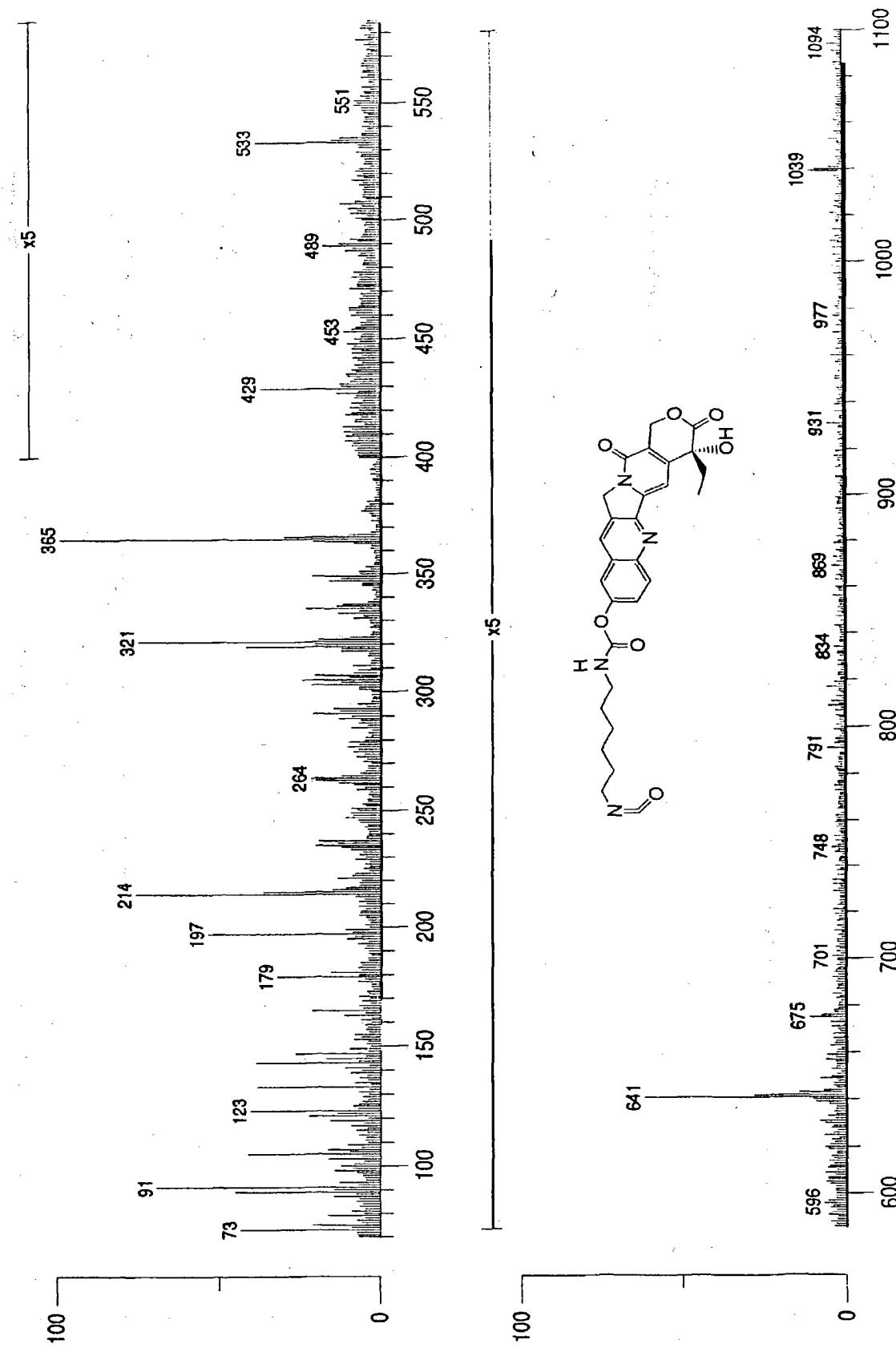


FIG. 19

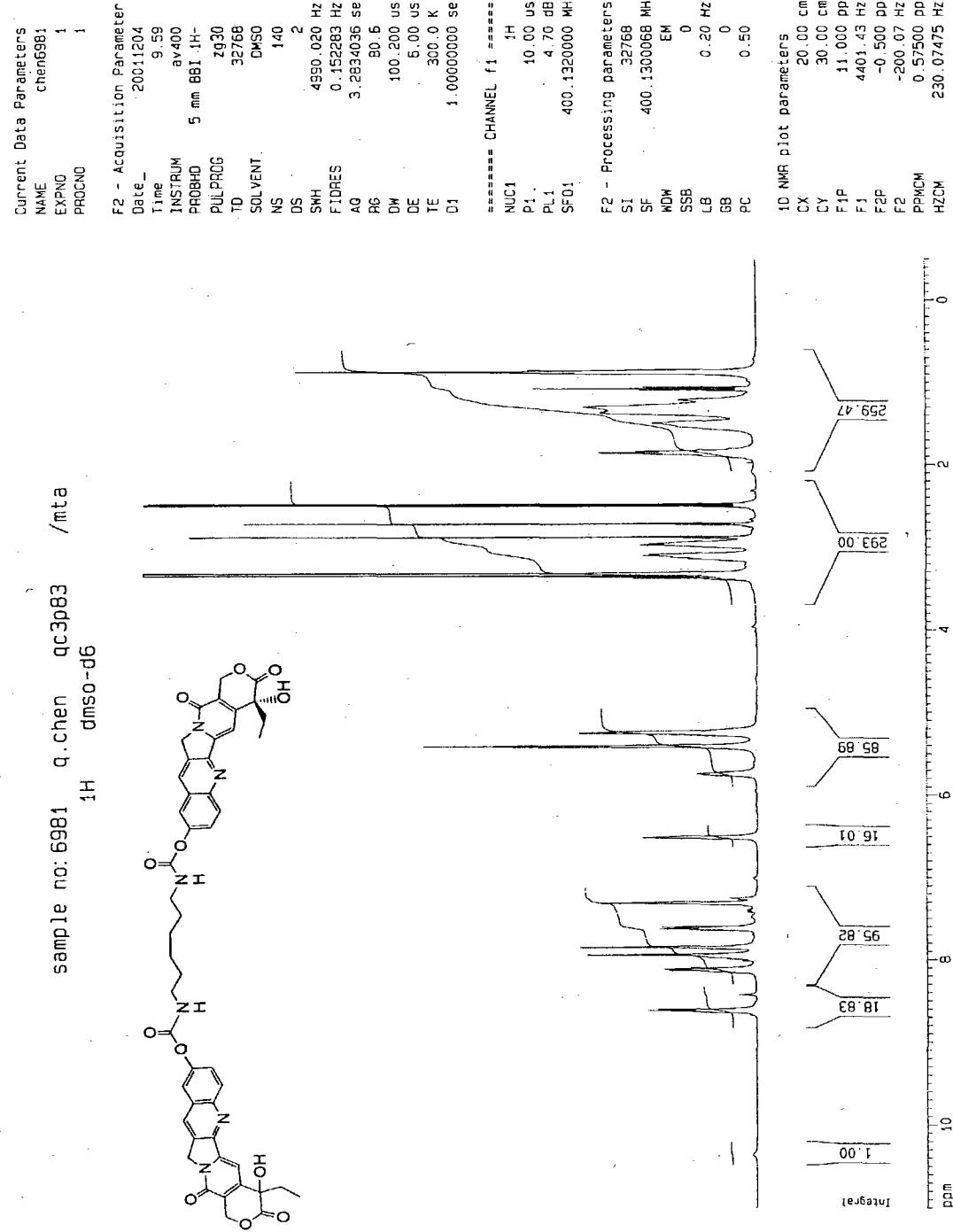


FIG. 20

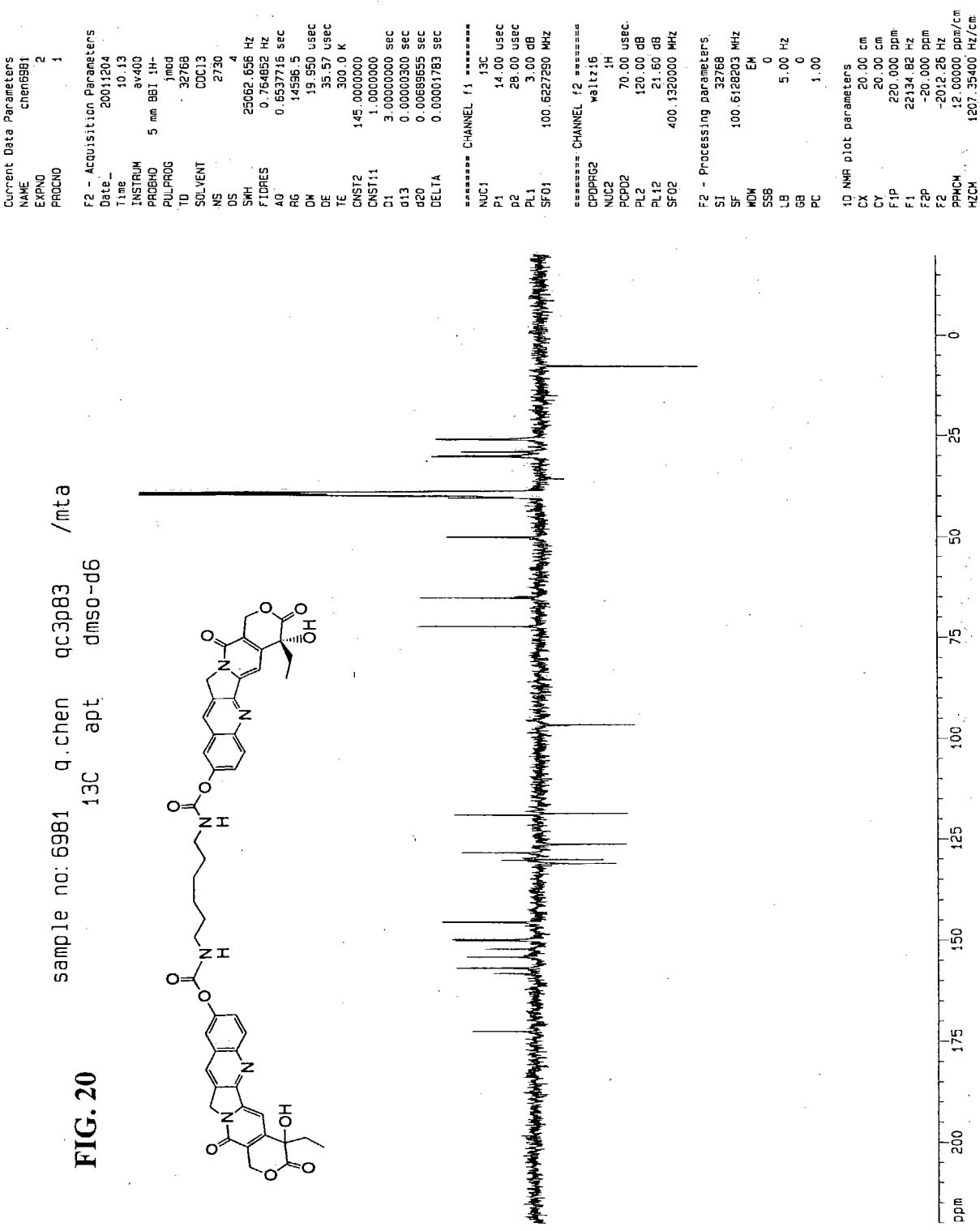
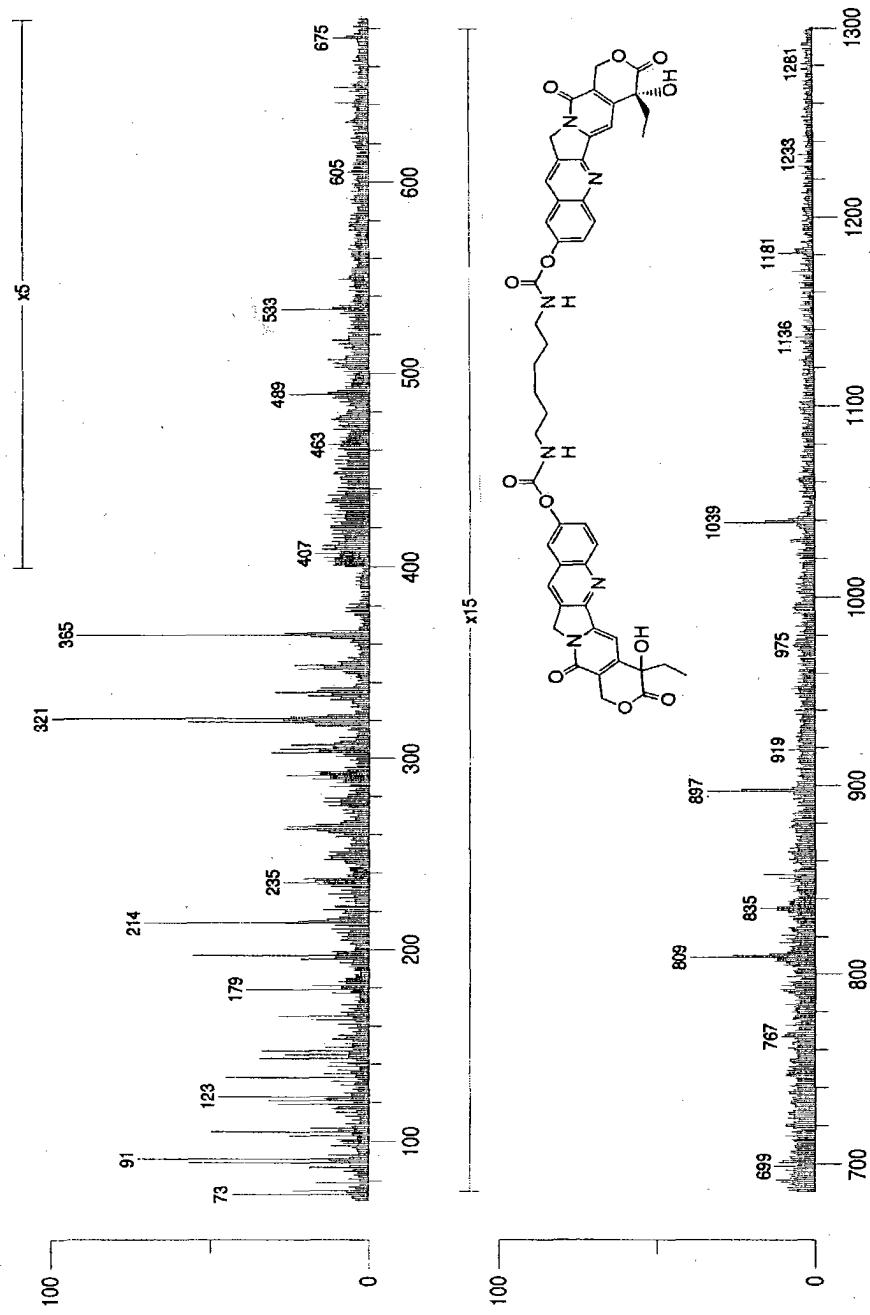


FIG. 21

lsims15379 Scan 1 (Av 19-25 Acq) 100% -4667 mv 3 Dec 5 1 12:46
LRP +LSIMS SL11738: QC3P83 * Matrix: Thioglycolic



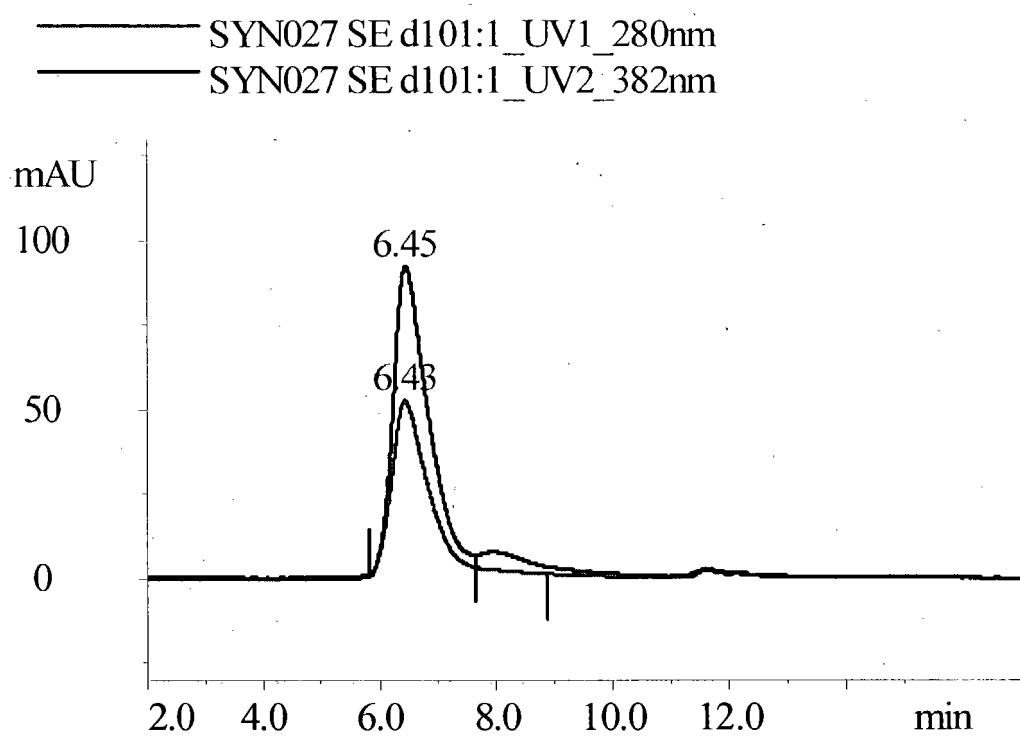


FIG. 22

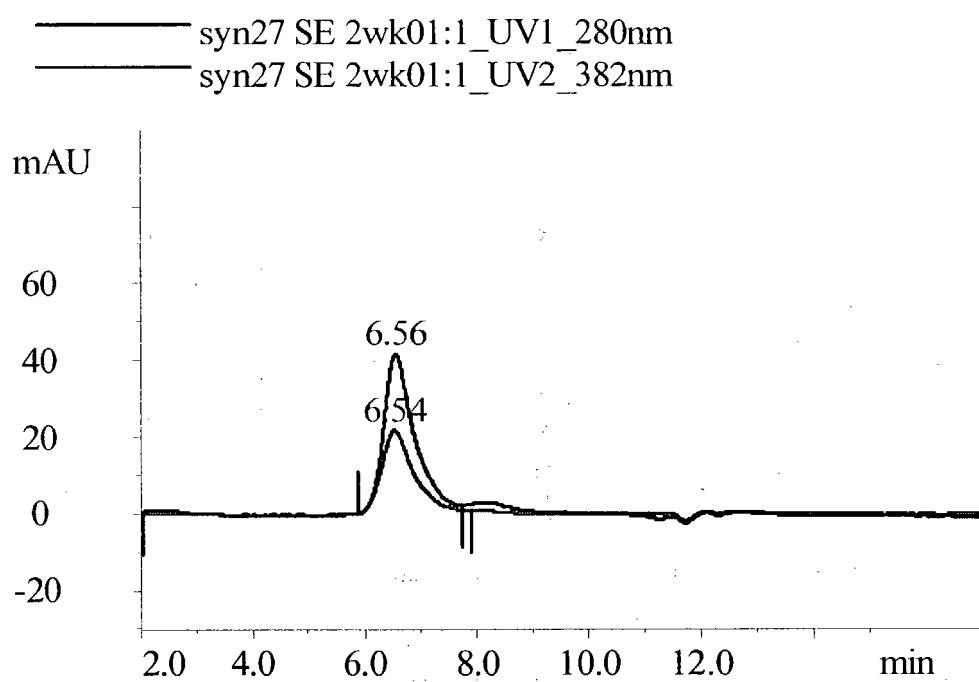


FIG. 23

FIG. 24

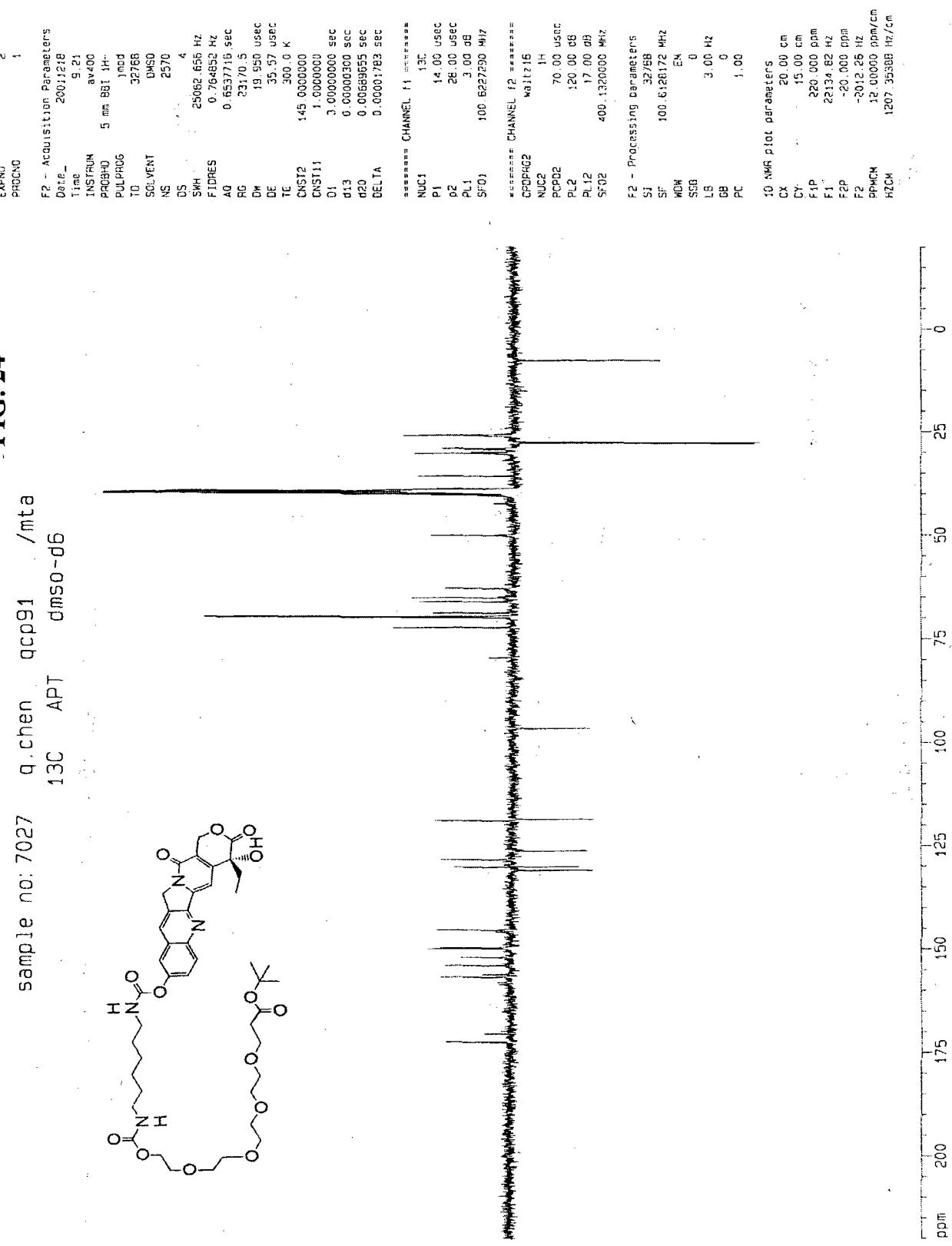


FIG. 25

lsims15455 Scan 1 (Av 2-4 Acq) 100% = 3550 mv 7 Jan 2012 13:38
LRP +LSIMS SL11759: QC2P91 * Matrix: Thioglycerol

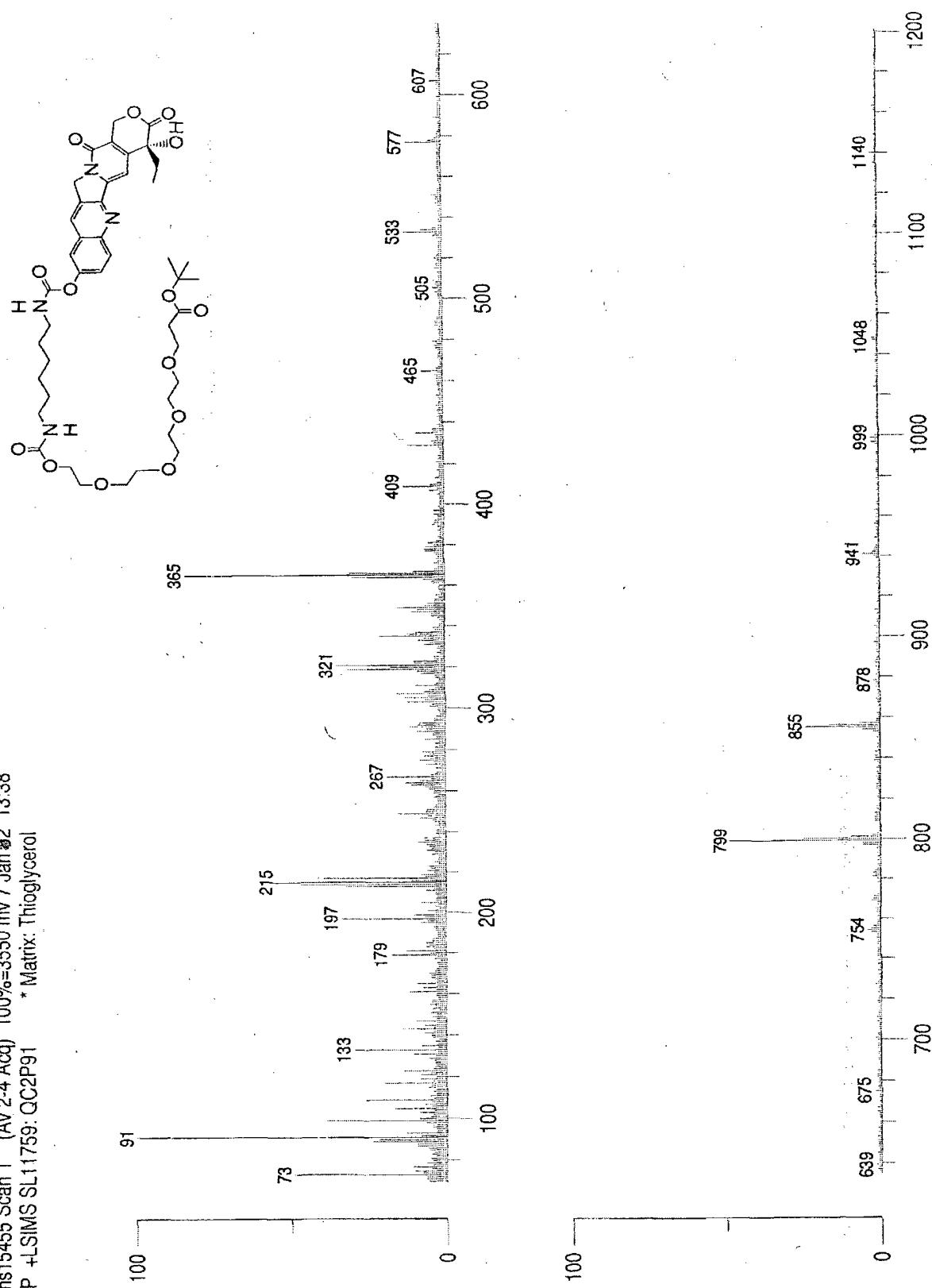


FIG. 26

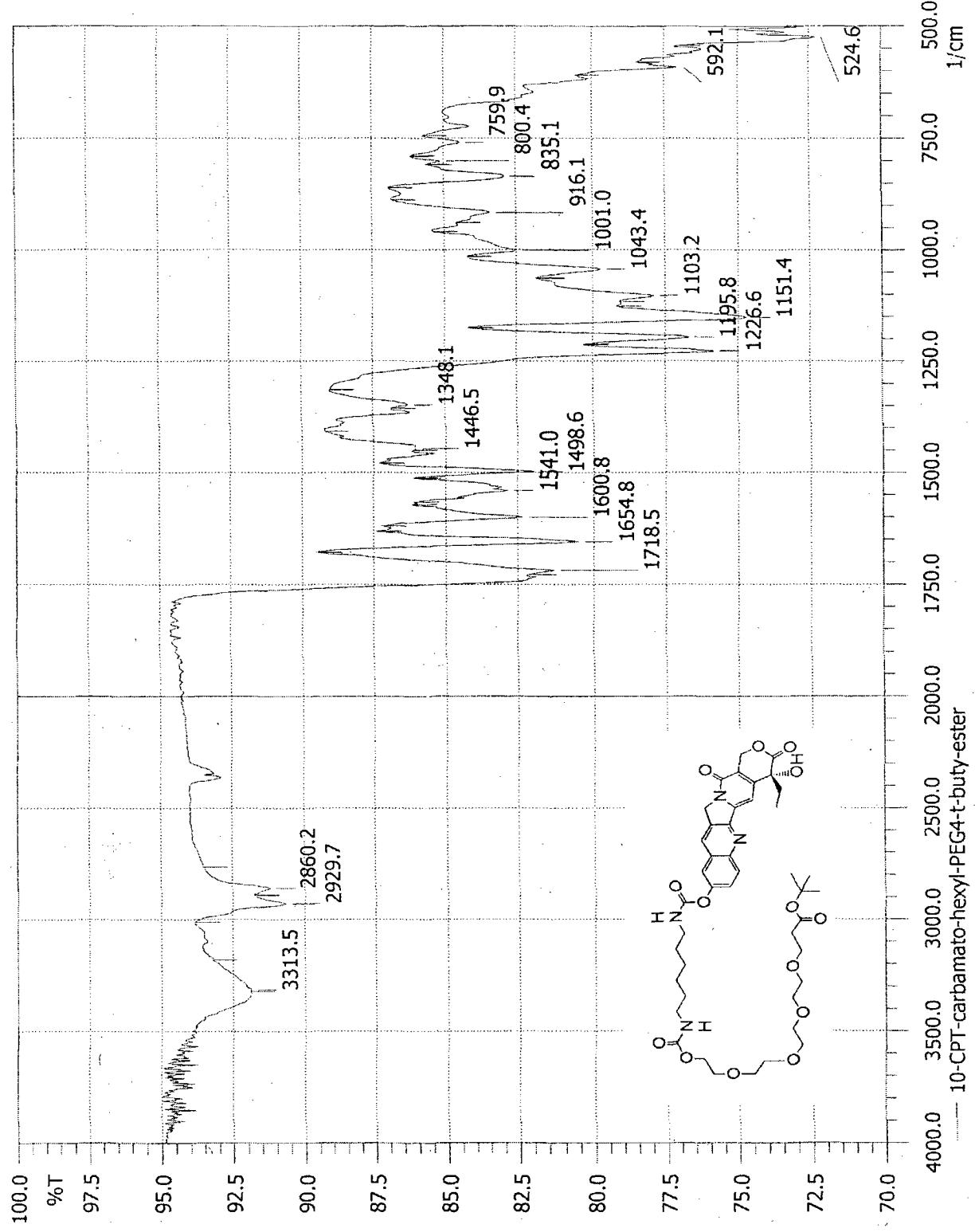
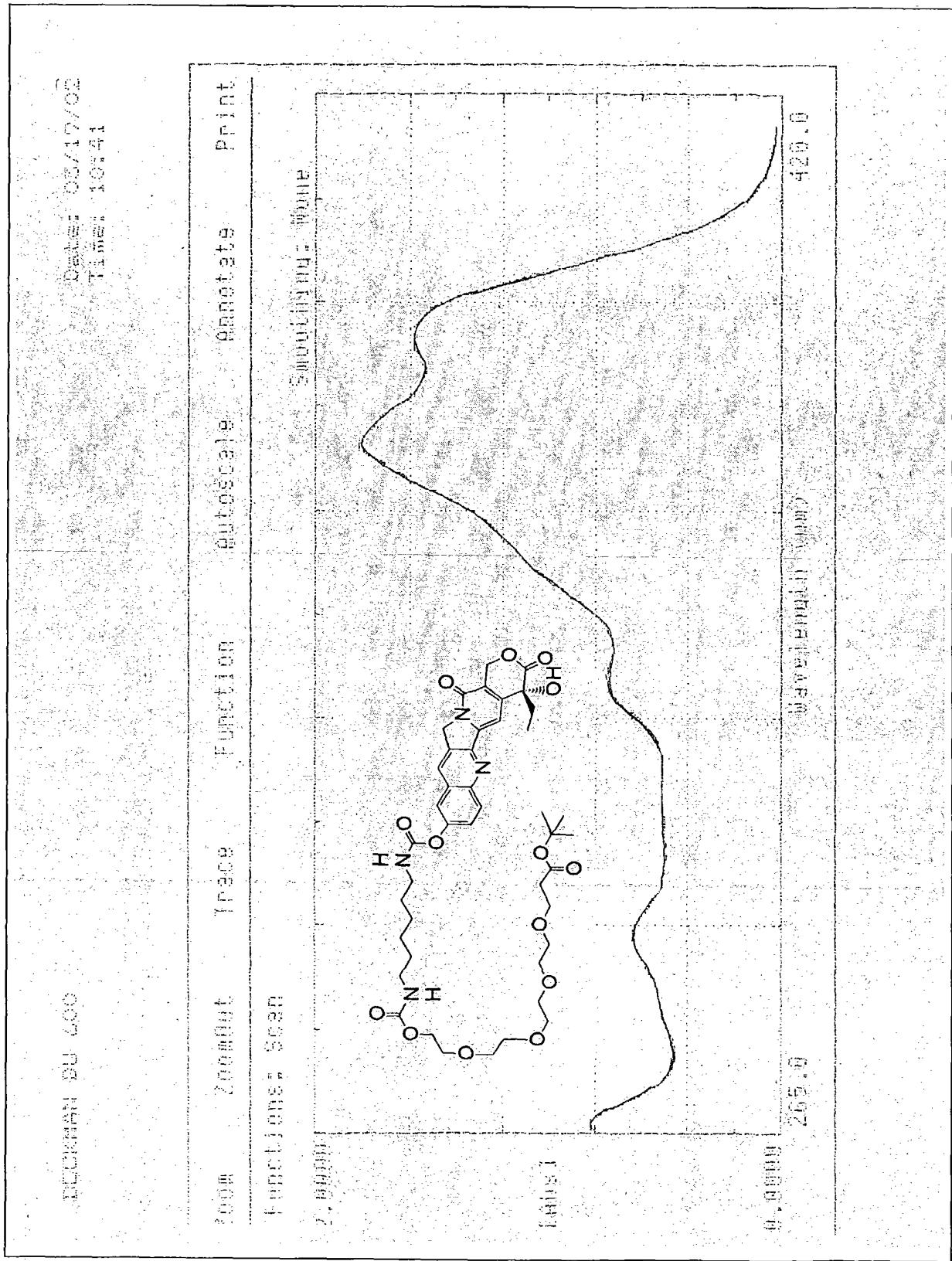


FIG. 27



Sample no: 1188 q.chen
1H qc4p18
dmsO-d6 /mta

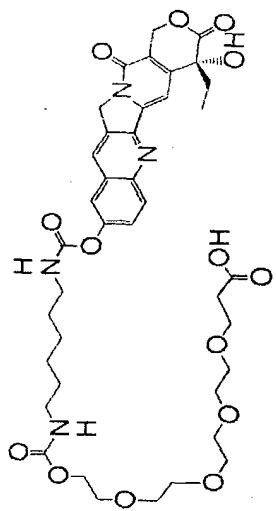
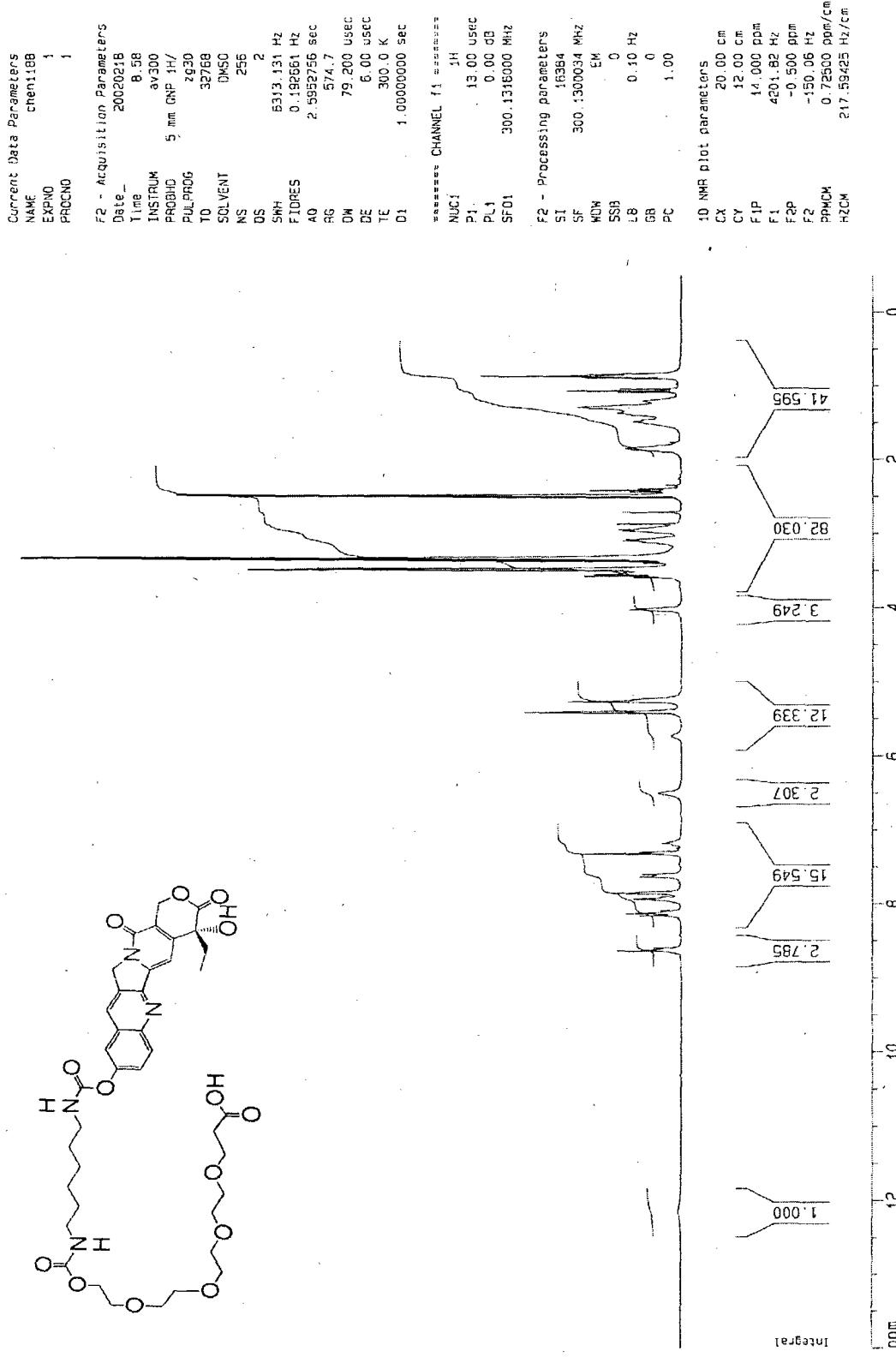


FIG. 28



sample no: 1188 q.chen qc4p18 /mta
13C bb dmso-d6

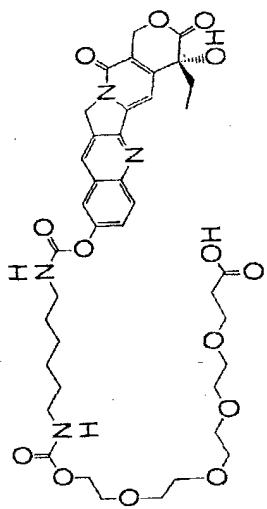


FIG. 29

Current Data Parameters

NAME	chem118a
EXPO	2
PROCNO	1

F2 - Acquisition Parameters

Date	20090220
Time	15:21
INSTRUM	
PROBHD	5 mm GNP 1H
PULPROG	290130
TD	65536
SOLVENT	4
NS	15360
SWH	19932.393 Hz
ETR	1.740308 sec
TD0	16384
DW	0.287360 Hz
DE	37.93 usec
TE	300.0 K
TM	1.0000000 sec
DT	0.0300000 sec
DD	0.00002000 sec
DM	0.0000000 sec

***** CHANNEL f1 *****

NUC1	¹³ C
P1	10.00 usec
PL1	0.00 dB
SF01	75.475190 MHz

***** CHANNEL f2 *****

CPDPF2	¹ H
NUC2	¹ H
CPDP2	80.00 usec
PL2	120.00 dB
PL12	14.00 dB
PL13	14.00 dB
SF02	300.1312005 MHz

F2 - Processing parameters

S1	32768
SF	75.4751905 MHz
NDW	EM
SSB	0
LB	3.00 Hz
OB	0
PC	1.00

1D NMR Data parameters

CX	20.00 cm
CY	200.00 cm
CP	220.00 ppm
F2P	16602.91 Hz
F1	20.000 ppm
F2	-1598.36 Hz
HZCH	-12.00000 ppm
90S	61340 Hz/°

PPM

lsm15766 Scan 1 (Av 6-10 Acq) 100% = 5585 mv 15 Feb 02 9:28
LRP +LSIMS SL11894: QC4P18 * Matrix: Thioglycerol

FIG. 30

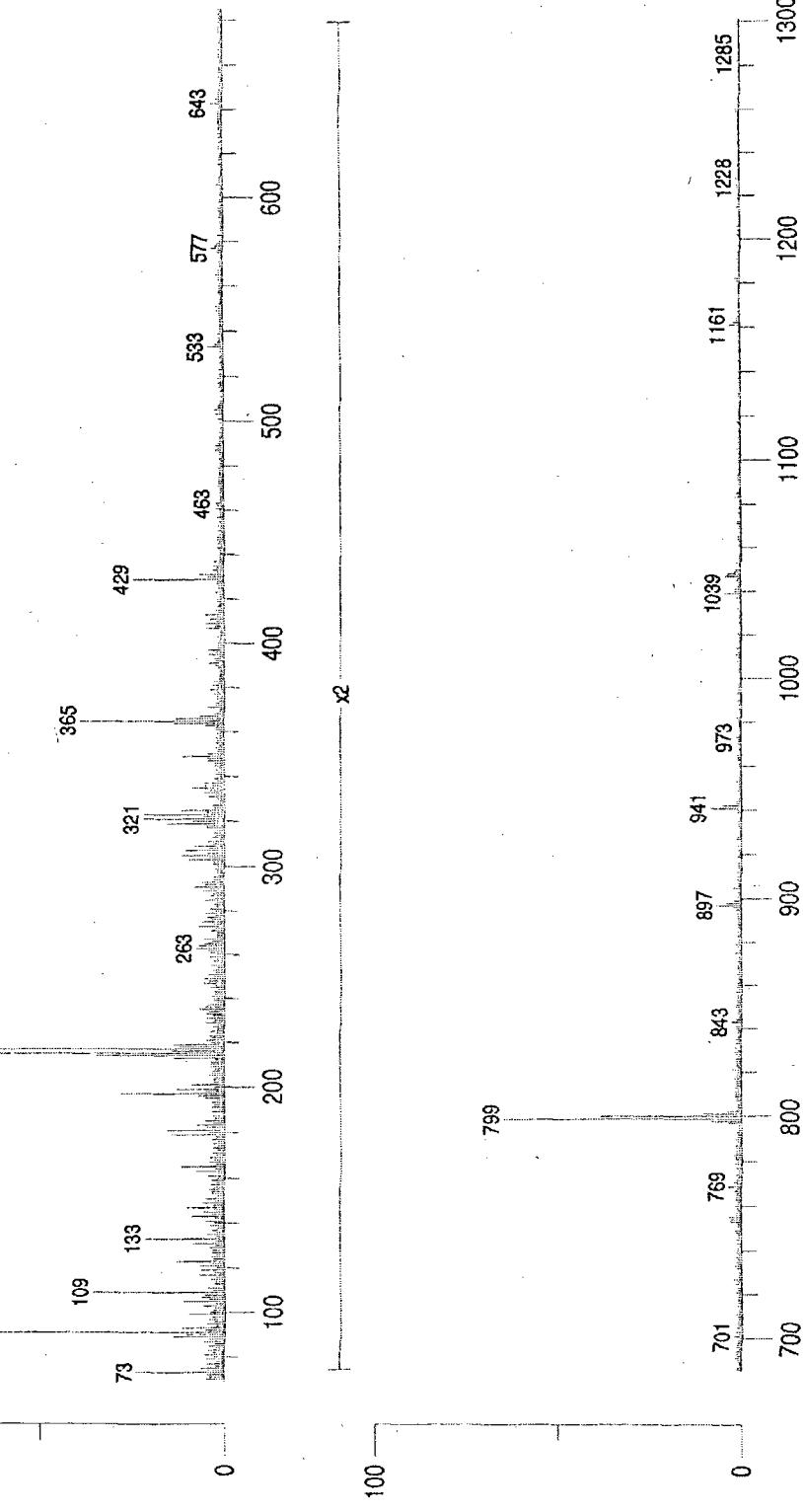
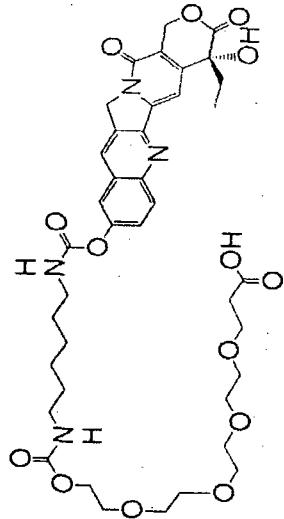


FIG. 31

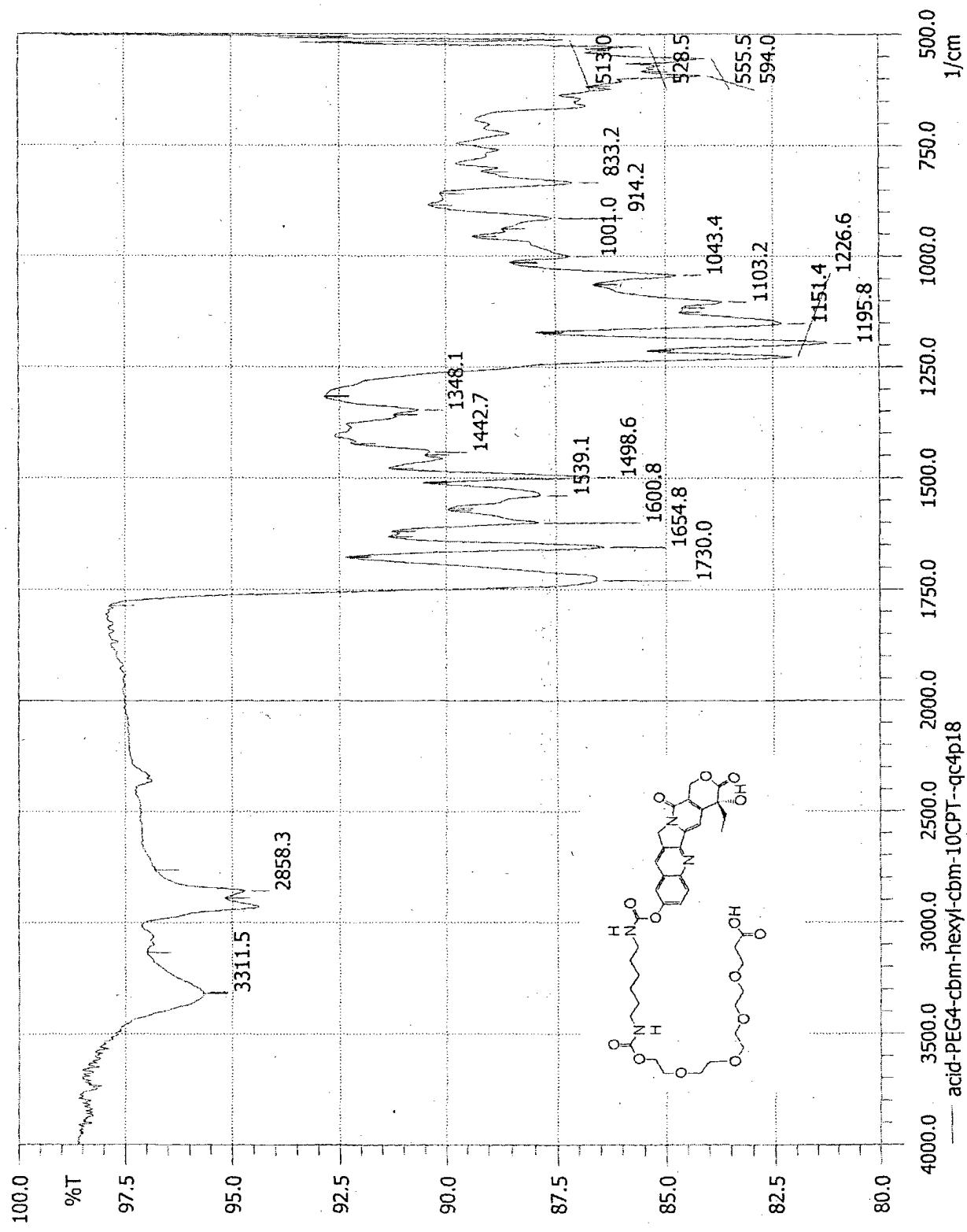
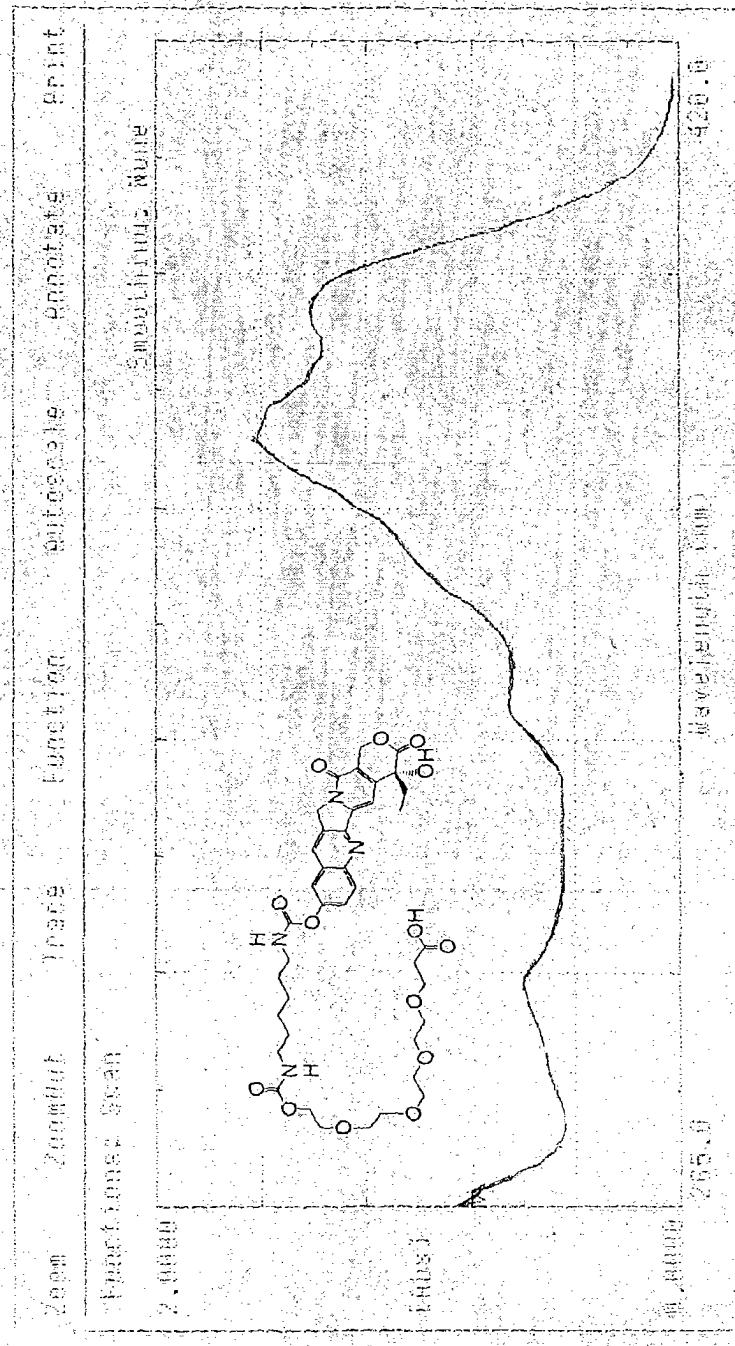


FIG. 32



JOB NO: 1776 Q CHEN QC4P64
QC1776 1 1

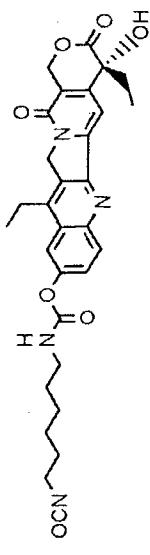


FIG. 33

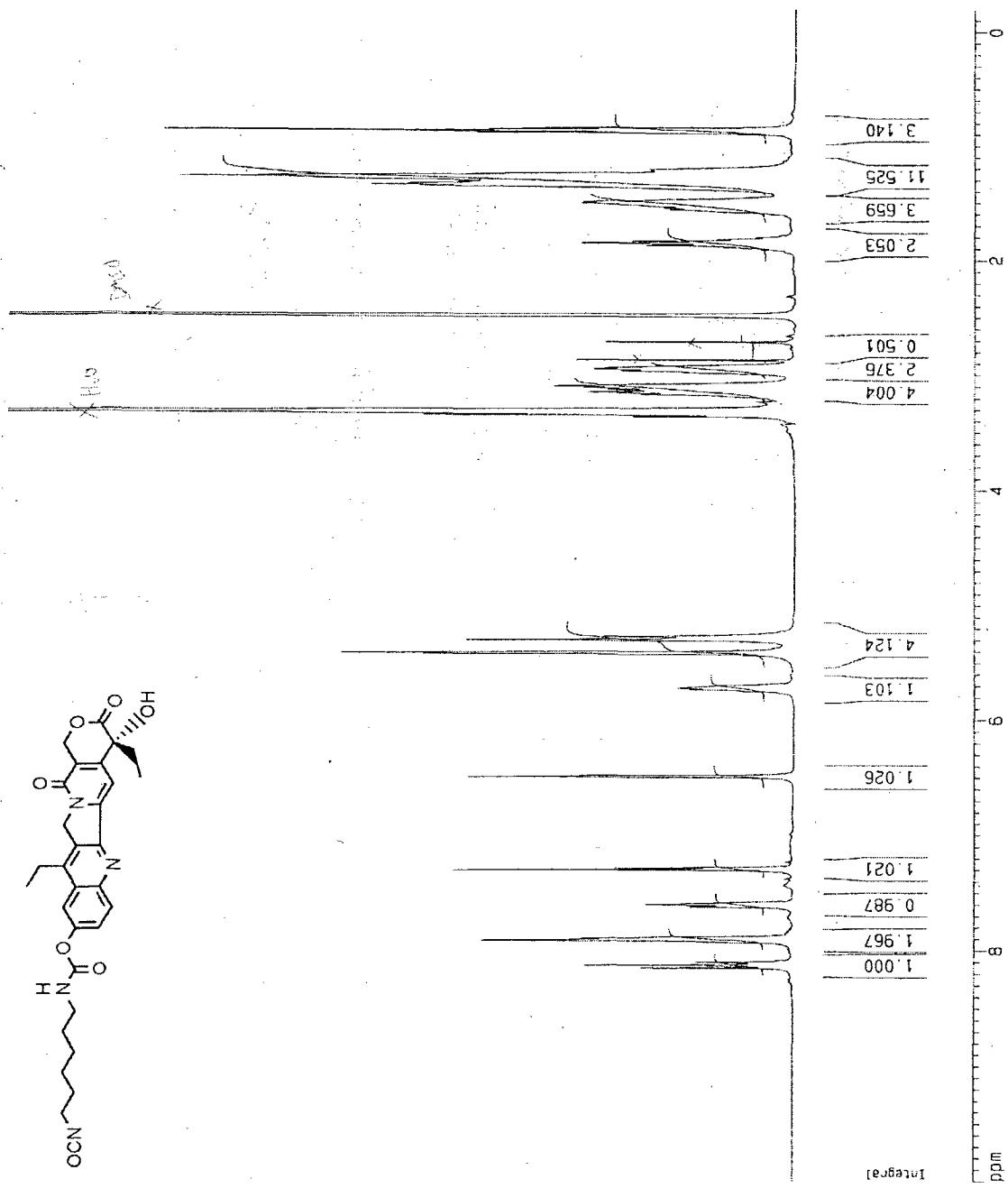


FIG. 34

JOB NO: 1776 Q CHEN QC4P64
qc1776 2 1 jmod expt

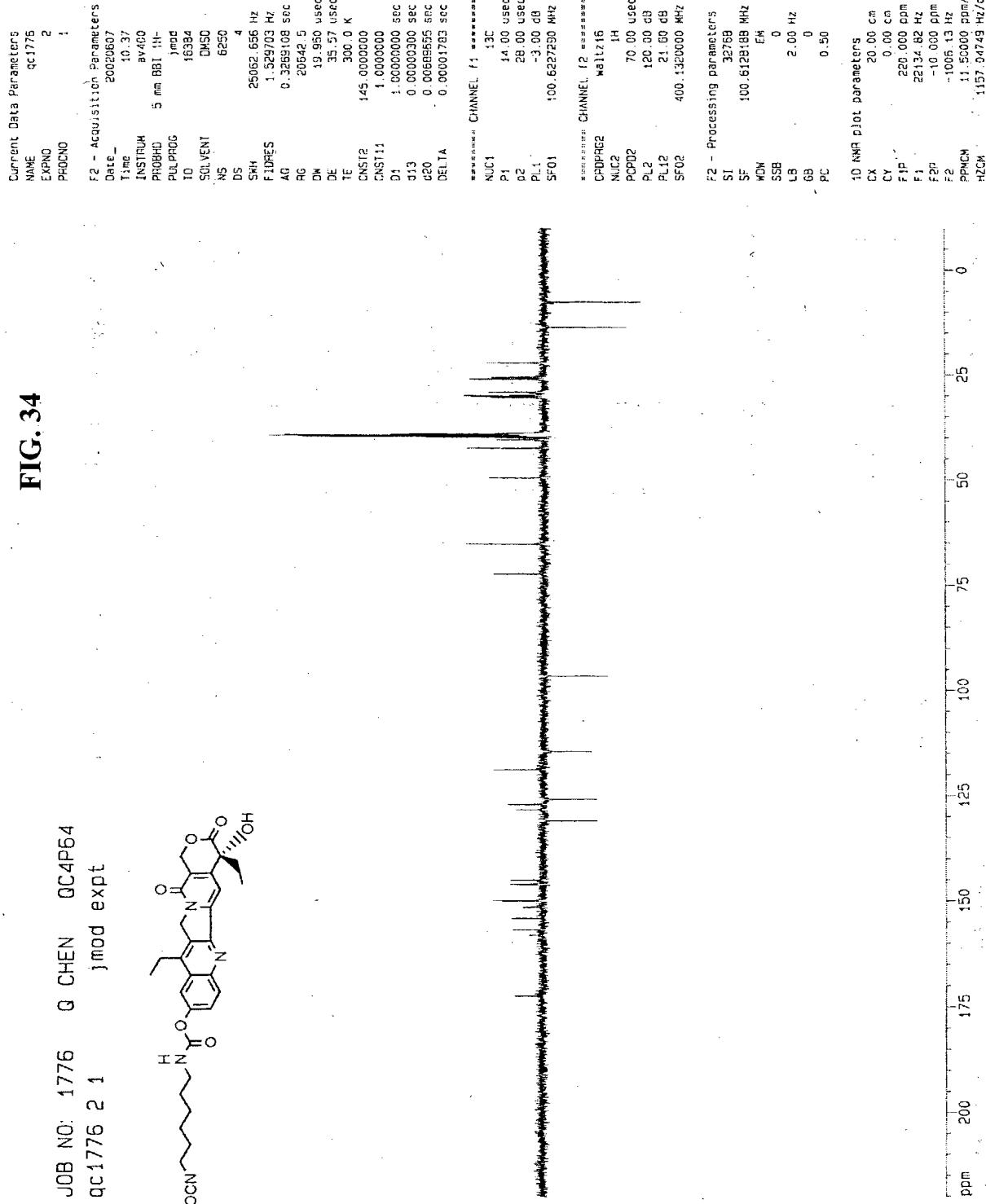
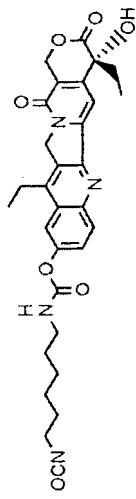


FIG. 35

lsims16301 Scan 1 (Av 16-20 Acq) 100% = 7600 mv 14 Jun 82 10:44
LRP + SIMS SL12057: QC4F64 * Matrix: Glycerol

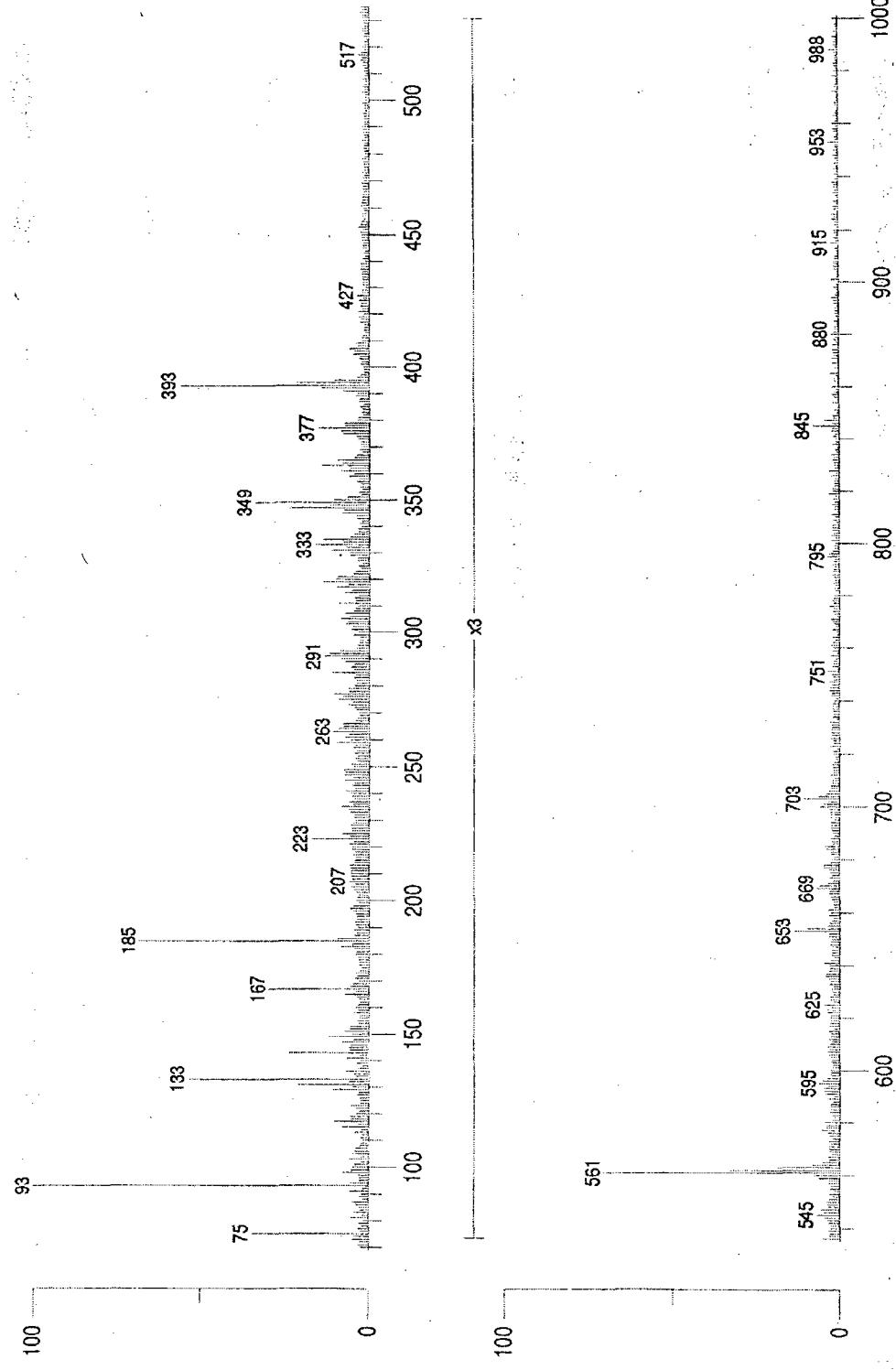
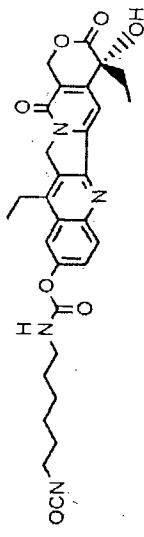


FIG. 36

